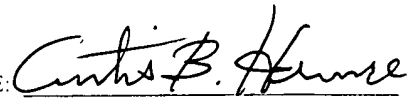


FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 9907.8USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/523174
INTERNATIONAL APPLICATION NO. PCT/CN03/00378	INTERNATIONAL FILING DATE May 22, 2003	PRIORITY DATE CLAIMED July 31, 2002	
TITLE OF INVENTION A PIEZOELECTRIC BIOCHIP FOR THE DETECTION OF THE BSE PATHOGEN AND THE PREPARATION METHOD THEREOF			
APPLICANT(S) FOR DO/EO/US WEI et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An unsigned oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 			
Items 11. to 16. below concern document(s) or information included:			
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.			
14. <input type="checkbox"/> A substitute specification.			
15. <input type="checkbox"/> A change of power of attorney and/or address letter.			
16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet, International Publication Page, PCT/IB/308, PCT/ISA/220, PCT/IPEA/408			

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/523174		PCT/CN03/00378		9907.8USWO	
BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):					
[X] a) Basic National fee.....				\$300.00	\$300
[X] b) Examination fee.....				\$200.00	\$200
[X] c) Search fee.....				\$500.00	\$500
TOTAL OF ABOVE CALCULATIONS =				\$1000	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		Rate	
18	-100 = 0	/50 =		X \$250.00	\$0
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	9	-20 =	X \$50.00	\$0	
Independent claims	2	-3 =	X \$200.00	\$0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0	
TOTAL OF ABOVE CALCULATIONS =				\$0	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$500	
SUBTOTAL =				\$500	
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$0	
TOTAL NATIONAL FEE =				\$0	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28; 3.31). \$40.00 per property				+ \$0	
TOTAL FEES ENCLOSED =				\$500	
				Amount to be:	
				refunded	\$
				charged	\$
<p>a. [X] Check(s) in the amount of <u>\$500</u> to cover the above fees is enclosed.</p> <p>b. [] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u>.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO: Michael D. Schumann MERCHANT & GOULD P.O. Box 2903 Minneapolis, MN 55402-0903</p>			<p>SIGNATURE: </p> <p>NAME: Curtis B. Hamre for Michael D. Schumann</p> <p>REGISTRATION NUMBER: 29,165</p>		

Rec'd PCT/PTO 28 JAN 2005

10/523174
JT12 Rec'd PCT/PTO 28 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

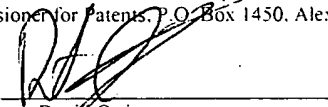
Applicant: WEI et al.
Docket: 9907.8USWO
Title: A PIEZOELECTRIC BIOCHIP FOR THE DETECTION OF THE BSE PATHOGEN AND THE PREPARATION METHOD THEREOF

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV495870805US

Date of Deposit: January 28, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 
Name: David Ortiz

Mail Stop: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

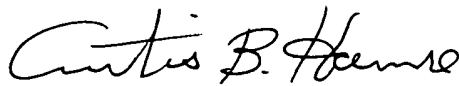
- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 16 pgs; 9 claims; Abstract 1 pg.
The fee has been calculated as shown below in the "Claims as Filed" table.
- ☒ 1 sheet of formal drawings
- ☒ Small entity status is claimed pursuant to 37 CFR 1.27
- ☒ An unsigned Combined Declaration and Power of Attorney
- ☒ A check in the amount of \$500.00 to cover the Filing Fee
- ☒ Application Data Sheet, 7 pages.
- ☒ Other: Form PTO-1390, International Publication Page, PCT/IB/308, PCT/ISA/220, PCT/IPEA/408,
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
Total Claims	9	20	0	=	0
Independent Claims	2	3	0	=	0
Multiple Dependent Claims Fee				=	0.00
Basic Filing Fee				=	150.00
Search Fee				=	250.00
Examination Fee				=	100.00
Utility Application Size Fee	18	100	0	=	0.00
Total				=	500.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
(612) 332-5300

By: 
Name: Curtis B. Hamre for Michael D. Schumann
Reg. No.: 29,165
Initials: CBH/MDS/slr

23552

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)